CHEMISTRY e Choice Questions (MCQ's) Choose the correct answer for each from the given options. The heat evolved during the formation of 1 mole of water from H2 and O2 is: (a) 286 KJ / mole (b) 186 KJ / mole (c) 300 KJ / mole (d) 200 KJ/ mol 2. Deuterium is present in natural hydrogen in the ratio: (a) 1: 12000 (b) 1: 15000 (c) 1: 17000 (d) 1: 18000 Diamond is used for abrasive, because it is: (a) Hard (b) Soft (d) Bad conductor of electricity (c) Cubic 4. The formula of Nitric acid is: (a) HNO_2 (b) HNO_3 (c) HNO_5 (d) HNO_7 5. The branch of chemistry which deals to determine the quality and quantity of substance is called: (b) Physical (c) Analytical (a) Organic (d) Inorganic 6. 5 moles of H₂O are equal to: (a) 70 g (b) 80 g (c) 90 g (d) 100 g 7. Charge on an electron is: (b) 1.602 x 10⁻¹⁷ C (a) 1.602 x 10⁻¹⁶ C (d) 1.602 x 10⁻¹⁹ C (c) 1.602 x 10⁻¹⁸ C 8. Mendeleev's periodic table contained periods. (a) 8 (b) 10 (c) 12~1 9. The formula of iron pyrite for getting SO2 from pyrite burner is: (b) Fe2\$3V (c) FeS2 (d) Fe₂S₂ (a) FeS 10. Which of the following will release chlorine from hydrochloric acid? (a) Na A A D (c) KOH. (d) CuSO₄ 11. Chromite is found in Pakistan at: (d) Balochistan (a) Azad Kashmir (b) Punjab (c) Sindh 12. The first synthetic organic compound is: (a) Methane (b) Ethane (c) Urea (d) Acetic Acid 13. Red ink is normally prepared from: (a) Oak Plant (b) Linseed Oil (c) Silver Nitrate (d) Brazil wood 14. Double covalent bond is denoted by: (b) Two short lines (a) Single short line (d) None of these (c) Three short lines 15. Neither definite shape nor volume is property of: (d) Plasma (c) Gas (b) Liquid (a) Solid 16. The process in which a solid directly changes to vapours is known as: (b) Evaporation (c) Diffusion (d) Fusion (a) Sublimation 17. An ionic compound, that is formed when an acids neutralizes a base is called: (d) Neutral (c) Salts (b) Bases (a) Acids